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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/552,507	12/19/2006	Akihisa Inoue	053128	4427		
38834 WESTERMAN	7590 05/18/201 N. HATTORI, DANIEI	EXAM	EXAMINER			
1250 CONNECTICUT AVENUE, NW			ZHENG	ZHENG, LOIS L		
SUITE 700 WASHINGTON, DC 20036		ART UNIT	PAPER NUMBER			
			1793			
			NOTIFICATION DATE	DELIVERY MODE		
			05/18/2010	ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentmail@whda.com

Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)	
10/552,507	INOUE ET AL.	
Examiner	Art Unit	
LOIS ZHENG	1793	

	LOIS ZHENG	1793					
The MAILING DATE of this communication appe	ars on the cover sheet with the o	orrespondence add	ress				
THE REPLY FILED 06 May 2010 FAILS TO PLACE THIS APPI	ICATION IN CONDITION FOR AL	LOWANCE.					
 M The reply was filed after a final rejection, but prior to or on application, applicant must timely file one of the following re application in condition for allowance; (2) a Notice of Appe for Continued Examination (RCE) in compliance with 37 C periods: 	the same day as filing a Notice of a eplies: (1) an amendment, affidavi al (with appeal fee) in compliance	Appeal. To avoid abar t, or other evidence, v with 37 CFR 41.31; o	hich places the (3) a Request				
a) The period for reply expires 3 months from the mailing date	of the final rejection.						
no event, however, will the statutory period for reply expire la	The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. **STATE OF THE PROPERTY MAKE THE PROPERTY OF THE PROPERTY OF THE PROPERTY MAKE THE PROPER						
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).							
Extensions of time may be obtained under 37 CFR 1.136(a). The date have been filed is the date for purposes of determining the period of extunder 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office later may reduce any earned patent term adjustment. See 37 CFR 1.704(b).	ension and the corresponding amount of hortened statutory period for reply origi	of the fee. The appropri- nally set in the final Office	ate extension fee e action; or (2) as				
NOTICE OF APPEAL							
 The Notice of Appeal was filed on A brief in compl filing the Notice of Appeal (37 CFR 41.37(a)), or any exter Notice of Appeal has been filed, any reply must be filed with the properties of the properties. 	sion thereof (37 CFR 41.37(e)), to	avoid dismissal of the					
AMENDMENTS							
 \(\) The proposed amendment(s) filed after a final rejection, to (a) \(\) They raise new issues that would require further core (b) \(\) They raise the issue of new matter (see NOTE below (c) \(\) They are not deemed to place the application in bett appeal; and/or (d) \(\) They present additional claims without canceling a contraction. 	sideration and/or search (see NOT v); er form for appeal by materially red	E below); ducing or simplifying t					
NOTE: See Continuation Sheet. (See 37 CFR 1.11	16 and 41.33(a)).						
4. The amendments are not in compliance with 37 CFR 1.12		mpliant Amendment (PTOL-324).				
 Applicant's reply has overcome the following rejection(s): 							
Newly proposed or amended claim(s) would be all non-allowable claim(s).							
7. \(\subseteq \text{ for purposes of appeal, the proposed amendment(s), a) \(\begin{align*}{l} \text{ how the new or amended claims would be rejected is proved the status of the claim(s) is (or will be) as follows: \(\text{Claim(s) allowed to: } \text{Claim(s) objected to: } \text{Claim(s) rejected: } \text{1-d} \text{.} \)		be entered and an e	xplanation of				
AFFIDAVIT OR OTHER EVIDENCE							
 The affidavit or other evidence filed after a final action, but because applicant failed to provide a showing of good and was not earlier presented. See 37 CFR 1.116(e). 							
 The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to or showing a good and sufficient reasons why it is necessary 	vercome <u>all</u> rejections under appea	l and/or appellant fail	s to provide a				
10. The affidavit or other evidence is entered. An explanation REQUEST FOR RECONSIDERATION/OTHER	n of the status of the claims after er	ntry is below or attach	ed.				
 The request for reconsideration has been considered but <u>See Continuation Sheet.</u> 	does NOT place the application in	condition for allowan	ce because:				
 Note the attached Information Disclosure Statement(s). (Other: 	PTO/SB/08) Paper No(s).						
/ Roy King/ Supervisory Patent Examiner, Art Unit 1793							

Continuation of 3. NOTE: New claim amendments change the scope of finally rejected claims, therefore, require further consideration and search.

Continuation of 11. does NOT place the application in condition for allowance because:

In the remarks, applicant argues that Aoki teaches ZRNi and ZrPd amorphous alloys absorb considerable quantity of hydrogen, but does not indicate that Ni and Pd are interchangeable. The examiner does not find applicant's argument convincing because Aok's teaching shows that ZRNi and ZrPd are functionally equivalent in terms of their ability to absorb hydrogen. Therefore, one of ordinary skill in the art would have found it obvious to use a combination of Zr, Ni and Pd metals to form an alloy with successful expectation of absorbing considerable quantity of hydrogen.

In addition, applicant further argues that Grasselli teaches a wide range of Pd-Ni-Zr alloy, which ignores practical range of the claimed hydrogen storage alloy. The examiner does not find applicant's argument convincing because Grasselli is only used as a supporting document to demonstrate that a hydrogen storage alloy containing Pd, Ni and Zr is well known in the art. Grasselli is not part of the rejection ground.

Applicant further argues the criticality of the claimed amounts of each of the metals in the hydrogen storage alloy based on the data from Examples 1-2 and Comparative Examples 1-2 from the instant specification. The examiner does not find applicant's argument convincing because the data from Examples 1-2 is not commensurate with the claimed metal component amount ranges to establish unexpected results. Examples 1-2 only represent one hydrogen alloy composition, therefore, is not sufficient to demonstrate the criticality of the entire claimed alloy component amount ranges.